

# Keeping Hazardous Materials Out of the MS4

Presented By:  
John Porter

City of Laredo, Texas

Environmental Services Department



# Outline

- Introduction
- Laredo Facts
- Ordinances
- HHW Program
- CESQG Program
- Hazardous Materials/Waste Tracking
- GIS Technologies
- Questions/Contact Information.

# Laredo, Texas



# Laredo, Texas

- Population of 176,576 persons
- 46,852 Households
- Largest Inland port .(source: [www.laredo-ldf.com](http://www.laredo-ldf.com))
  - 1,659,992 plus cross border loaded truck shipments (2001)
  - 350,600 rail car shipments (2001).
  - 226,000,000 pounds of air freight (2001).
- 800+ trade handling businesses.
- 600+ warehouses.

# Ordinances

- Water Quality Ordinance
  - Prohibits disposal of hazardous waste/materials to MS4.
- Hazardous Materials Permit Ordinance.
  - Requires entities that handle hazardous materials to obtain a hazardous materials permit.

# Public Education

- Aggressive public education campaign.
  - ~\$100,000 spent on:
    - Television Ads.
    - Newspaper Ads.
    - Billboards.
    - Print info.
    - Movie slides.
- School, Civic, & Industry presentations.

# THE CITY OF LAREDO'S HOUSEHOLD HAZARDOUS WASTE COLLECTION EVENT & TIRE ROUND UP



## Items accepted:

Cleaning Products  
Automotive Products  
Paints, Solvents, and Stains  
Pool Chemicals  
Pesticides, Insecticides,  
Herbicides  
Batteries

## Items NOT accepted:

Commercial Waste  
Radioactive Waste  
Medical Waste  
Ammunition and Explosives



## Bring your old tires for CASH!

50 Cents per Tire  
Limit 8 per Household  
No Truck Tires **ACCEPTED!**  
No Tires from Businesses  
will be **ACCEPTED!**

No Limit on Nonprofits and  
Fund Raisers!  
Call for more information.

**APRIL 21, 2001**  
**AT THE EL METRO PARK & RIDE**

FOR MORE INFORMATION CALL:

**727-7794**

CITY OF LAREDO'S

# HHW COLLECTION PROGRAM



IT LURKS IN YOUR  
GARAGE!!

IT DWELLS UNDER  
YOUR SHIRT!!

ONLY YOU CAN  
DISPOSE OF IT PROPERLY!!

Directed By:  
Environmental Services Department  
Produced By:  
TCEQ



Rated G for Good!

# ATTENTION SMALL BUSINESSES

## SAVE



FIND OUT HOW YOUR BUSINESS  
MAY QUALIFY FOR  
REDUCED HAZARDOUS WASTE  
DISPOSAL COSTS.

ATTEND A FREE WORKSHOP ON  
AUGUST 8, 2002 FROM 9:30 TO NOON  
OR FROM 1:30 TO 4:00  
AT 5512 THOMAS AVE.  
(PUBLIC WORKS SERVICE CENTER)

CALL FOR MORE INFO:

**727-7794**

CITY OF LAREDO  
ENVIRONMENTAL SERVICES DEPARTMENT

# HHW Collections Program

- Began in 1996 as a biannual collections program.
  - 1 Event in Fall
  - 1 Event in Spring
- In 1998 to 1999 City received grant funding for two HHW events.
- In 1999, City constructed a permanent site. (Grant funded)
- To date the City has received over 200,000 lbs. Of HHW.

# City of Laredo

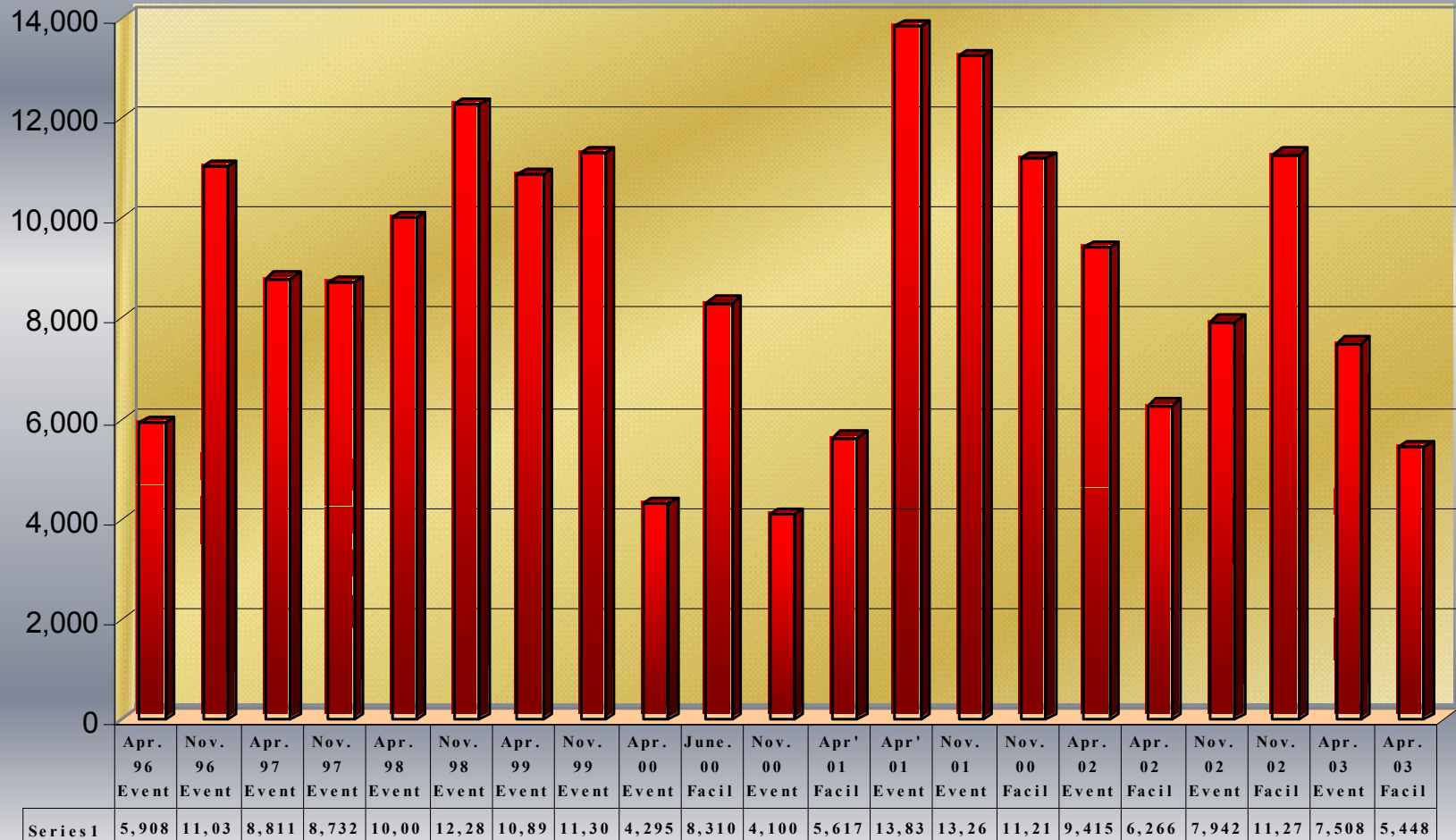
TXS00401

## Household Hazardous Waste Collection Program

Pounds of Waste Collected from

April 1996 to April 2003

lbs. of waste  
collected



# CESQG Program

- 2002 received grant funding to implement a pilot program through hosting two collection events.
- Summer of 2002, City began identifying and contacting potential CESQG businesses.
- 25,000 lbs. of CESQG waste collected.
- 41 CESQG entities participated.

# Hazardous Materials/Waste Tracking

- Began in 1998.
- ~500 permits.
- Community Right-to-Know
- Required through Hazardous Materials Handling Permit.
- 2001, transferred to the ESD.
- Until 2002, used a mailbox system for HMIS.

# Hazardous Materials/Waste Tracking

- Now businesses can file HMIS and HWIS statements online.
- Allows ESD to monitor hazmat/hazwaste quantity as well as specifics.




Hazardous Materials  
Division

## HAZTRAC

Hazardous Materials Tracking System

**User Name:**

**Password:**

 **login**



Home

# Welcome!

my Company to the Environmental Services Department's  
Hazardous Materials Tracking System (HAZTRAC).

Please make your selection below:

## Hazardous Materials Inventory Statements:



## Hazardous Waste Inventory Statements:



# Hazardous Materials/Waste Tracking

- Permit holders are required to submit a Hazardous Materials Site Plan.
- Staff reviews plans to make sure materials are not stored near inlets, creeks, other water bodies.
- Can be used in investigations.



10 1047\*

**CHE**

**WARNING:** This product contains a chemical known to the State of California to cause cancer. See also the accompanying Material Safety Data Sheet (MSDS) for additional information. For more information, see the accompanying MSDS.

**FIRST AID**  
 IMMEDIATELY MOVE VICTIM TO FRESH AIR. IF NOT BREATHING, GIVE  
 ARTIFICIAL RESPIRATION. GET MEDICAL ATTENTION!  
 IF IRRITATION, FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15  
 MINUTES. IF IN CONTACT WITH SKIN, REMOVE CLOTHING IMMEDIATELY.  
 IF IN CONTACT WITH SKIN, FLUSH SKIN WITH PLENTY OF WATER FOR AT LEAST  
 15 MINUTES. IF IN CONTACT WITH SKIN, REMOVE CLOTHING IMMEDIATELY.  
 IF SWALLOWED, DO NOT INDUCE VOMITING. IT IS IMPORTANT TO  
 GET MEDICAL ATTENTION IMMEDIATELY.

IF SWALLOWED, GET MEDICAL ATTENTION IMMEDIATELY.  
OBTAIN IMMEDIATE MEDICAL ATTENTION.  
READ AND UNDERSTAND CURRENT MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT AND  
EVALUATE THE NEED FOR PERSONAL PROTECTIVE EQUIPMENT.  
DANGER: IRRITANT  
DANGER: CORROSIVE  
DANGER: HARMFUL TO AQUATIC LIFE

PROPERTY SHIPMENT NAME: COFFEE ORNAMENTAL

MAINTENANCE OF RECORDS  
IN THE OFFICE OF THE  
CLERK OF THE COURT

**FOR INDUSTRIAL USE ONLY  
KEEP OUT OF REACH OF CHILDREN**

BRENTAG MID-SOUTH, INC. 1405 HIGHWAY 135 WEST, HENDERSON, KY 42420 PHONE: (714) 825-1720



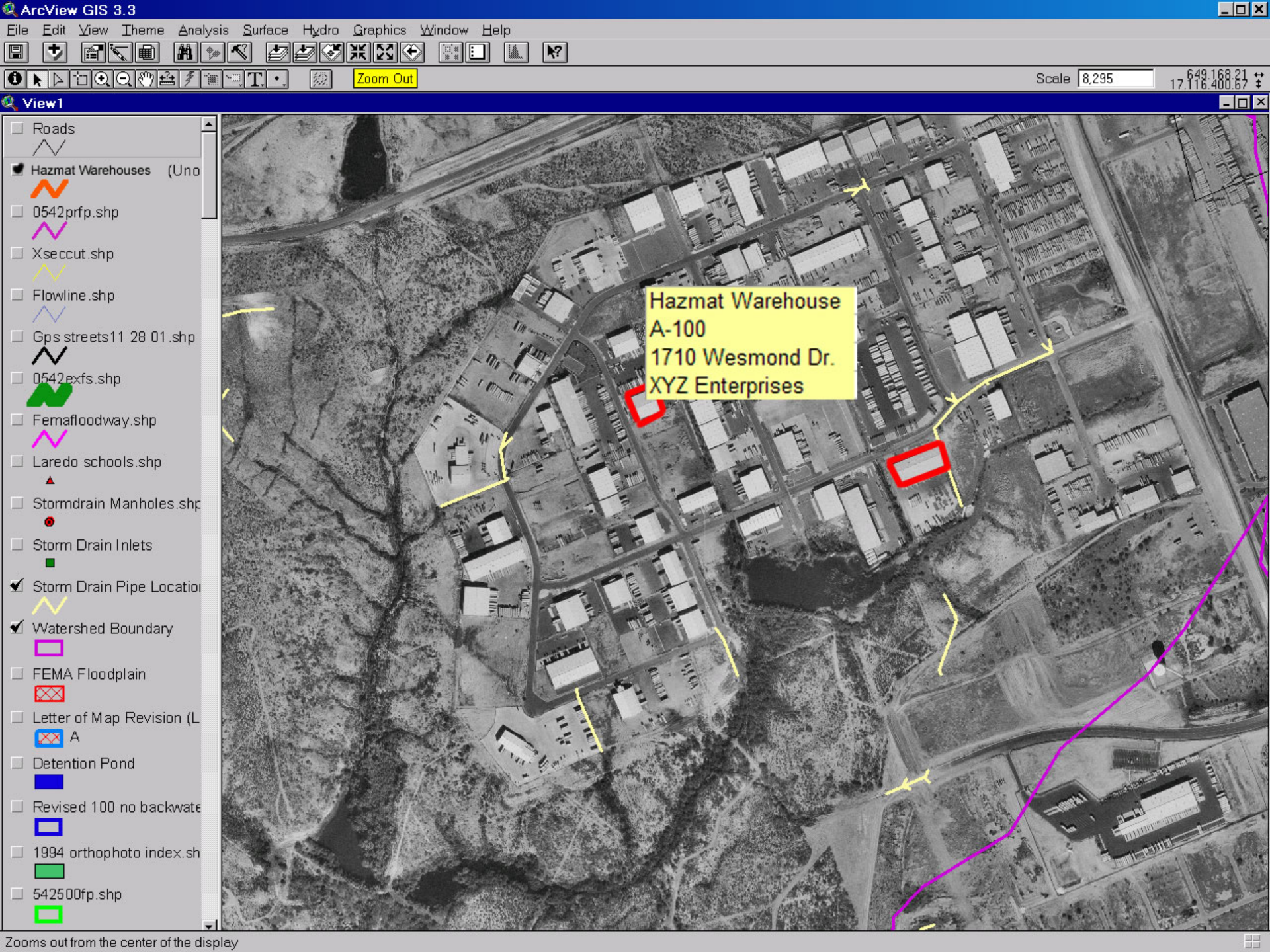
6

HEALTH	3
FLAMMABILITY	0
REACTIVITY	1

10 1:05 PM

# GIS Technologies

- ESD funded a GIS needs assessment for the entire City.
- Link GIS data from key departments to a central repository/database.
- Will allow for modeling and investigations.



# Contact Information

City of Laredo  
Environmental Services Department  
619 Reynolds St.  
Laredo, Texas 78040  
(956)794-1650 phone  
(956)727-7944 fax  
Jporter@ci.laredo.tx.us  
<http://esd.cityoflaredo.com>